Author Index Vol. 32, 1995

Achakri, H. 237
Aikawa, J. 347
Akatsuka, N. 347
Akopov, S.E. 49
Amenta, F. 200

Balfagón, G. 339
Beaumont, B.W. 371
Beierwaltes, W.H. 100
Berry, C. 398
Bevan, J.A. 41, 413
Bochkov, V.N. 328
Boutouyrie, P. 254
Brunner, H.R. 237
Bucher, B. 58
Bühler, F.R. 162, 328
Burnstock, G. 320

Campbell, W.B. 79
Canham, P.B. 301
Casteels, R. 207
Cavallotti, C. 200
Chester, A.H. 93
Clark, J.F. 24
Coburn, R.F. 313
Conde, M.V. 339
Connelly, B.A. 129
Cooper, M.E. 183

Dashwood, M.R. 93
DiCorleto, P.E. 266
Diéguez, G. 387
Dikranian, K. 320
Dilley, R.J. 183
Dillon, P.F. 24
Dumont, E. 138
Dusting, G.J. 143

Encabo, A. 339
Evans, S.A.S. 175

Faury, G. 112
Fernández, N. 387
Ferrer, M. 339
Finlay, H.M. 301
Fox, P.L. 266
Freslon, J.-L. 190
Frewin, D.B. 247
Friedman, E. 16
Fukao, M. 220
Fukazawa, M. 347

Galumbeck, M.A. 120
García, J.L. 387
García-Villalón, A.L. 387
Gillespie, G.Y. 31
Glaser, E. 254
Goldman, C.K. 31
Gómez, B. 387
Graham, L.M. 266
Greenwald, S. 398
Gregg, A.R. 106

Hahn, A.W.A. 162, 328
Harder, D.R. 79
Hardin, C.D. 293
Hattori, K. 200
Hattori, Y. 220
Hayoz, D. 237
Head, R.J. 247
Henrion, D. 41, 413
Herrig, J.E. 106
Himpens, B. 207
Hoogerwerf, N. 237
Hughes, A.D. 353

Ishikawa, M. 347
Ishimitsu, T. 406

Jacob, M.P. 112
Jakubowski, J. 230
John, M. 162
Johnson, M.D. 16
Jonas, U. 162
Joyner, W.L. 129

Kanno, M. 220
Kawasaki, H. 220
Kern, F. 162
Kobayashi, Y. 200
Kraus, H.L. 175
Kushmerick, M.J. 293

Lacolley, P. 254
Laing, R.J. 230
Lamontagne, D. 138
Lange, J.M. 406
Laurent, S. 254
Lucet, B. 254
Luu, T.N. 93

McCullough, L. 301
Madura, J.A. 266
Marcum, J.A. 175
Margolin, D.A. 266
Marín, J. 339
Meister, J.J. 237
Merrilees, M.J. 371
Missiaen, L. 207
Monge, L. 387
Moreland, R.S. 313
Moreland, S. 313
Morice, A.H. 230
Moroi, M. 347
Morris, J.L. 378
Motte, C.A. de la 266
Muddle, J.R. 93
Mulvany, M.J. 1

Namiki, A. 347

Osol, G. 275
Owens, G.K. 1

Philippova, M.P. 328
Pourageaud, F. 190

Ralevic, V. 320
Ratz, P.H. 120
Resink, T.J. 162, 328
Ricci, A. 200
Ristori, M.T. 112
Robert, L. 112
Roberts, J. 16
Roberts, T.M. 293
Rocha, G. 58
Roman, R.J. 79
Rudichenko, V.M. 100

Sacunha, R. 254
Safar, M.E. 254
Saini, A. 398
Scott, L.J. 371
Sercombe, R. 49
Seylaz, J. 49
Smid, S.D. 247
Stergiopulos, N. 237
Stoclet, J.-C. 58
Sugimoto, K.-i. 406

Tang, T. 129
Thompson, L.P. 106
Tkachuk, V.A. 328
Tobian, L. 406
Torok, M.A. 175
Tschöpl, M. 58

Verdetti, J. 112
Vranes, D. 183

Webb, D.J. 2
Weiner, C.P. 106
Wyartt, C.L. 247
Wyse, D.G. 66

Yacoub, M.H. 93
Yamaguchi, T. 347
Yeo, T.-K. 175

Zhou, Y. 16, 175

Subject Index Vol. 32, 1995

Acetylcholine 190, 339, 387
Adhesion 162
– molecules 266
ADP 24
α-Adrenoceptor blockade 247
α_2-Adrenoceptors 66
β_1-Adrenoceptors 66
β_2-Adrenoceptors 66
Agonists 237
Allograft 120
Angiogenesis 31
Angiotensin conversion 129
Angiotensin-converting enzyme inhibitor(s) 247, 347
Angiotensin II 183, 247
– – receptor antagonist 247
Aorta 106, 175, 183
Aortic rings 112, 138
Arachidonic acid 79
L-Arginine 143
Arterial rejection 120
– wall, remodelling 398
Arteries 2, 254, 275
–, coronary 371
–, internal thoracic 371
–, rabbit 339
Atherogenesis 162
Atheroma 398
Atherosclerosis 143, 301
ATP 24
ATP-sensitive potassium channels 138
Autograft 120
Autopsy 371
Autoradiography 200

Basilar artery 49
Biglycan 175
Blood pressure 66
– vessels 41, 266, 413
Bradykinin 190
Brain arteries 301

Ca^{2+} channels 220
– unidirectional influx and net uptake 41
$^{45}Ca^{2+}$ net uptake 413
Calcitonin gene-related peptide 93
Calcium 237, 275, 353, 413
Capsaicin 320
Cardiovascular system 16
Cell viability 371
Cerebral arteries 230
5-Chloromethylfluorescein diacetate 371
Cold storage 230
Collagen 301
Contraction 41
Coronary arteries, human 93
– artery 190
Creatine 24
Cultured cells 207
Cutaneous arteries 387
– circulation 378
Cyclic GMP 339
Cyclosporin A 143
Cytochrome P450 79
Cytokine stimulation 266
Cytoskeleton 275

D_1-like receptors 200
D_2-like receptors 200
Delapril 347
Desensitization 16
Diabetes 183
– mellitus 220
DNA synthesis 328
Dynamic arterial compliance 254
Dynorphin 378

Echo-tracking technics 254
Elasticity, arterial wall 398
Elastin peptides 112
Endothelial cell 266
– – line 31
Endothelial-derived relaxing factor 129
Endothelium 2, 49, 58, 100, 129, 143, 190, 320, 406
Endothelium-dependent relaxation 347
Endothelium-derived hyperpolarizing factor 339, 387
– relaxing factor 49, 106, 339
Energetics 24
Epoxyeicosatrienoic acid 79
Ethidium homodimer-1 371

Extracellular matrix 162
– sodium 41

Family history of hypertension 66
Femoral artery 237
Fibronectin 31
Flow 190
Flow-contraction 413
Flow-induced contraction 41

G proteins 16
Glucose 293
Glycogenolysis 293
Glycolysis 293
Glycoprotein 162
Growth factor(s) 31, 328

5-HT_2 receptors 220
Hydroxyeicosatetraenoic acid 79
5-Hydroxytryptamine 220
Hyperplasia 275
Hyperpolarization 143
Hypertension 162, 406
Hypertrophy 275
Hypoxia-induced relaxation 24

Immunohistochemistry 378
Immunoperoxidase staining 175
Immunosuppressant drugs 143
Ins P_3 receptor 207
Integrins 275
Intraluminal flow 413
Ion channel(s) 79, 275, 353

L-type calcium channels 138
Lactose 112
Laminin 112
Leukotrienes 339
Lipoproteins, native 328
Lymphatics 275
Lymphocytes 66

Macrophages 406
Mesenteric artery 237, 247
Mesentery 183
α-Methylnorepinephrine 66
Monocyte(s) 266, 406
Muscarinic receptors 106
Muscle mechanics 313
Myogenic tone 275

$^{22}Na^+$ unidirectional efflux 413
$^{22}Na^+$ net uptake 413
Nandrolone treatment 339
Neuropeptide Y 378
Nitric oxide 58, 100, 129, 143, 347
– – synthase 320
NMR 24
Norepinephrine 66
– infusion 16
Nuclear Ca^{2+} 207

Organ culture 266
Osmolarity 58

Pacemaker cells 237
Patch clamp 353
Pharmacology 230
Phenylephrine 66, 138
Phosphoinositide turnover 220
Plasma norepinephrine 66
Platelet-activating factor 49
Platelets 66
Polarized light microscopy 301
Polymorphonuclear leukocytes 49
Potassium 406
Prazosin 66
Pregnancy 106
Pressure 237
Proliferation 328
Protein kinase C 220
– synthesis 328

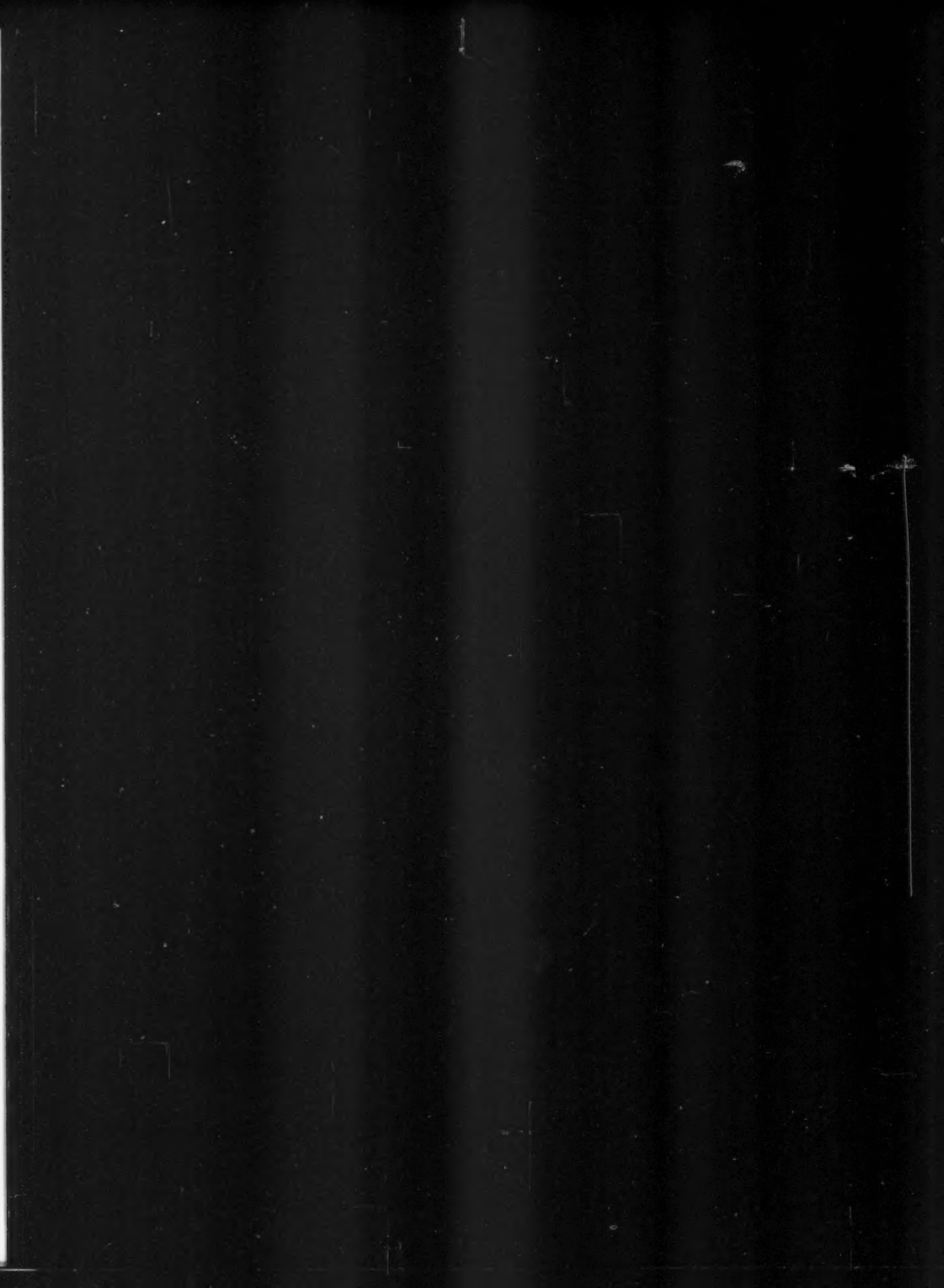
Rabbit 31
– facial vein 413
Radioligand assay 200
Rat mesenteric arteries 320
Receptor autoradiography 93
Relaxation 313
Renal vasodilation 100
Residual strain 398
Rheology 398
Ryanodine receptor 207

Saturation transfer 24
Sensory nerves 320
Serial-arranged arterioles 129
Shear stress 41, 190, 413
Shortening velocity 313
Signal transduction 275
Smooth muscle 207, 237, 353
– – cells 58
– – energetics 313
Sodium 413
– nitroprusside 339
Spontaneously hypertensive rat 247
Stereology 301
Stiffness 313
Substance P 320
Substrata 31
Substrate cycling 293
Sulfhydryl group 347
Sympathetic innervation 378
– nervous system 2

Temperature 387
Transmural pressure 275
Transplantation 120, 143

Vascular contraction 220
– hypertrophy 183
– metabolism 293
– resistance 2
– responsiveness 66
– smooth muscle 24, 120, 313
– – – cell 328
– tone 79
Vasoconstriction 58, 129, 138, 378
Vasodilation 112
Vasomotion patterns 237
Vasomotor tone 254
Vasopressin 100, 138
Veins 2, 275, 378
Venous occlusion plethysmography 2

Wistar Kyoto rat 247

Yohimbine 66

Zero stress state 398